

**MAX-SERIES™**  
**VT-100**

# LEADING PRODUCTIVITY AND TECHNOLOGY.



Meet the MAX-Series™ VT-100 Posi-Track® loader. The new machine gives you the tools to improve productivity while working comfortably. From an efficient, reliable and powerful 103.5 hp Yanmar engine, to numerous new technology features such as auto 2-speed, loader and bucket return to positioning, speed-sensitive ride control and more, the VT-100 is a hard-hitting jobsite addition.

// LEADING INNOVATION / MAXIMUM RELIABILITY / UNMATCHED PERFORMANCE

**asv**

# VT-100 COMPACT TRACK LOADER

## OPERATING SPECIFICATIONS

|  |                         |
|--|-------------------------|
| LOADER ARMS                                    | Vertical                |
| OPERATING WEIGHT (OPEN CAB)                    | 10,345 lbs ( 4,692 kg ) |
| OPERATING WEIGHT (CLOSED CAB)                  | 10,835 lbs ( 4,915 kg ) |
| GROUND PRESSURE AT OPERATING WEIGHT            | 4.0 psi ( 27.6 kPa )    |
| RATED OPERATING CAPACITY (35% of tipping load) | 3,500 lbs ( 1,588 kg )  |
| TIPPING LOAD                                   | 10,000 lbs ( 4536 kg )  |
| TRAVEL SPEED, MAXIMUM                          | 9.3 mph ( 14.9 kph )    |

## ENGINE

|                    |   |
|--------------------|---|
| TYPE               | Diesel 4-cylinder, Intercooled Turbo                                    |
| MODEL              | Yanmar 4TNV94FHT  |
| GROSS POWER RATING | 103.5 hp ( 77.2 kW )  |
| DISPLACEMENT       | 3.1 L   |
| TORQUE, PEAK       | 291 ft-lb ( 395 Nm )  |
| COOLING SYSTEM     | Hydraulically-driven fan and anti-freeze filled radiator cooling system |
| INTAKE AIR CLEANER | Three-stage   |
| EMISSION CONTROLS  | Meets all U.S. EPA Tier 4 final standards                               |

## UNDERCARRIAGE

TRACK TYPE: General purpose track constructed of rubber compound with embedded co-polymer cords and all-purpose treads.

|                           |  |
|---------------------------|--|
| TRACK WIDTH               | 18 in. ( 457 mm )  |
| LENGTH OF TRACK ON GROUND | 71 in. ( 1,803 mm )  |
| GROUND CONTACT AREA       | 2,556 in. <sup>2</sup> ( 1.65 m <sup>2</sup> )   |
| DRIVE SYSTEM              | Two hydrostatic direct drive sprockets controlled by a single joystick                   |
| TRACK DRIVE SPROCKET      | Elevated with low friction, replaceable sprocket rollers                                 |
| UNDERCARRIAGE SUSPENSION  | Two independent torsion axles per undercarriage  |
| ROLLER WHEELS             | 24 high-density polyurethane and rubber wheels per track. Wheels include sealed bearings |
| ROLLER WHEEL DIAMETER     | Front & rear wheels: 15 in. ( 381 mm )<br>Middle wheels: 10 in. ( 254 mm )               |

## AUXILIARY HYDRAULIC SYSTEM

|                       |   |
|-----------------------|---|
| PUMP CAPACITY         | Low - 23 gpm ( 87 lpm )<br>High - 41 gpm ( 155 lpm )  |
| SYSTEM PRESSURE, MAX. | Low - 3,481 psi ( 24,000 kPa )<br>High - 3,989 psi ( 27,503 kPa )                           |
| CONTROLS              | Intermittent via joystick button or continuous via console switch. High-flow is adjustable. |
| COUPLERS              | Flat Faced Couplers: 1/2 in. low flow, 3/4 in. high flow                                    |
| COOLING SYSTEM        | High efficiency side-by-side radiator and oil cooler  |

## ELECTRICAL SYSTEM

|                   |                                     |
|-------------------|-------------------------------------|
| NOMINAL CHARGE    | 12 V                                |
| BATTERY           | 950 CCA                             |
| CHARGING SYSTEM   | 80 amp alternator                   |
| OUTLETS           | 1-12 V port inside operator station |
| WIRING            | Upgradeable wiring harness          |
| STANDARD FEATURES | Block heater                        |

## SERVICE CAPACITY

|              |                    |
|--------------|--------------------|
| FUEL TANK    | 34 gal ( 128.7 L ) |
| DEF CAPACITY | 5 gal ( 18.9 L )   |

## OPERATOR STATION

|   |   |
|---|---|
| CAB: ROPS or All Weather Cab with curved glass door   |   |
| SEAT: Mechanical suspension seat with 2 in. seat belt   |   |
| CONTROLS: Electronic joystick controls with ISO or H pattern settings, adjustable operator profiles and speeds  |   |
| ENGINE SPEED  | Standard foot pedal with hand dial option   |
| 7-IN. COLOR MACHINE DISPLAY: Fuel, tachometer, engine temp, hour meter, battery, trip meter, hydraulic temperature, water temperature, multiple languages |   |
| ROPS  | ROPS: ISO 3471<br>Restraint-ISO 6683, SAE J2292, Cal OSHA 1596  |
| FOPS  | ISO 3449 Level 1 (level 2 optional), emergency roof exit  |
| ILLUMINATION  | 2 - Forward-facing LED lights<br>2 - Rear-facing LED lights   |
| STANDARD FEATURES   | ROPS with mechanical suspension seat, adjustable pilot controls, 7-in. deluxe color display, foot throttle, cupholder, phone holder, roof panel, roof insulation, rear window, two speed, high flow, Hyd Q/A, attachment control kit, Dual Direction Bucket Positioning |
| OPTIONAL FEATURES   | Smart Assist Telematics, Polycarbonate door, Backup camera, LED side lights, Rotating magnetic beacon, Air ride seat, 3 point seat belt, over the glass side screens, Level 2 FOPS kit, Remote control  |

